

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A stable oil for incorporation in a food, nutritional, pharmaceutical or cosmetic product, the stable oil made by a process comprising combining a carrier oil and one or more long-chain polyunsaturated fatty acids from a biomass obtained from the culture of a microorganism, in the form of triacylglycerols, wherein the long-chain polyunsaturated fatty acids are incorporated into the carrier oil such that at least 60% by weight of the long-chain polyunsaturated fatty acids present in the biomass are present in the carrier oil but that less than 10% of phosphorus that is present in the biomass is present in the carrier oil, so that the carrier oil does not require purification prior to use and wherein the stable oil contains no more than 10% by weight of the long-chain polyunsaturated fatty acids in the form of triacylglycerols.

Claim 2 (original): The stable oil according to claim 1, in which the long-chain polyunsaturated fatty acid is arachidonic acid, dihomogammalinolenic acid, eicosapentaenoic acid or docosahexaenoic acid.

Claim 3 (original): The stable oil according to claim 2, in which the long-chain polyunsaturated fatty acid is arachidonic acid.

Claim 4 (original): The stable oil according to claim 2, in which the long-chain polyunsaturated fatty acid is docosahexaenoic acid.

Claim 5 (original): The stable oil according to claim 1, in which the carrier oil is high oleic acid sunflower oil (HOSFO), sunflower oil (SFO), soya bean oil, palm olein or a medium-chain triacylglycerol (MCT, containing essentially triacylglycerols of saturated C₈-C₁₀ fatty acids).

Claim 6 (canceled):

Claim 7 (currently amended): A process for preparing a stable oil for incorporation into a composition of a food, nutritional, pharmaceutical or cosmetic product, the process comprising bringing a carrier oil into contact with a biomass obtained from the culture of a microorganism containing one or more long-chain polyunsaturated fatty acids, so as to transfer the long-chain polyunsaturated fatty acid(s) in the form of triacylglycerols to the carrier oil and form a biomass residue, separating the carrier oil containing the fatty acid(s) from the biomass residue, and then deodorizing the separated carrier oil to obtain the stable oil, wherein the stable oil contains no more than 10% by weight of the long-chain polyunsaturated fatty acids in the form of triacylglycerols.

Claim 8 (original): The process according to claim 7, which further comprises grinding the biomass prior to contact with the carrier oil to reduce particle size in order to break cell walls of the microorganisms and to thereby increase contact surface area between the carrier oil and the biomass.

Claim 9 (original): The process according to claim 7, which further comprises contacting the biomass under high pressure with the carrier oil, and separating the oil containing the long-chain polyunsaturated fatty acid from the biomass residue by pressing and filtration.

Claim 10 (previously presented): The process according to claim 7, which further comprises grinding the biomass in the presence of the carrier oil under an inert atmosphere.

Claim 11 (original): The process according to claim 7, which is carried out under a nitrogen atmosphere and in the presence of one or more tocopherols in an amount sufficient to protect the LC-PUFAs from oxidative degradation.

Claim 12 (original): The process according to claim 7, wherein the deodorizing is achieved by molecular distillation or steam distillation, optionally assisted by vacuum.

Claim 13 (previously presented): The process according to claim 7, which further comprises a fine filtration of the stable oil to remove fine biomass particles.

Claim 14 (original): The stable oil obtained by the process of claim 7.

Claim 15 (canceled):

Claim 16 (previously presented): The product of claim 15 wherein the product is an infant foodstuff, a nutritional composition, a cosmetic composition, or a foodstuff.

Claim 17 (previously presented): A product containing a stable oil according to claim 1.

Claim 18 (previously presented): The product of claim 17 wherein the product is an infant foodstuff, a nutritional composition, a cosmetic composition, or a foodstuff.

Claim 19 (original): An animal feed containing the biomass residue obtained by the process according to claim 7.